listing.ST25.txt SEQUENCE LISTING

```
Kalafatis, Michael
<110>
       EXOSITE-DIRECTED THROMBIN INHIBITORS
<120>
<130> CLEV 200023
<150> US 60/502,186 <151> 2003-09-12
<160>
      25
<170> PatentIn version 3.2
<210>
<211>
       30
<212> PRT
<213> Homo sapiens
<400> 1
Lys Met His Asp Arg Leu Glu Pro Gln Asp Glu Glu Ser Asp Ala Asp
Tyr Asp Tyr Gln Asn Arg Leu Ala Ala Ala Leu Gly Ile Arg
<210> 2
<211> 10
<212> PRT
       Homo sapiens
<213>
<400> 2
Lys Met His Asp Arg Leu Glu Pro Glu Asp
                                      10
<210>
<211> 10
<212>
      PRT
       Homo sapiens
<213>
<400> 3
Leu Glu Pro Glu Asp Glu Glu Ser Asp Ala
<210> 4
 <211> 10
 <212>
       PRT
 <213>
       Homo sapiens
<400> 4
Glu Glu Ser Asp Ala Asp Tyr Asp Tyr Gln
1 5 10
                                      10
 <210>
        10
 <211>
 <212>
        PRT
 <213>
       Homo sapiens
```

WO 2005/034844 PCT/US2004/021487

listing.ST25.txt

```
<400> 5
Asp Tyr Asp Tyr Gln Asn Arg Leu Ala Ala
<210> 6
<211> 10
<212> PRT
<213> Homo sapiens
<400> 6
Asn Arg Leu Ala Ala Ala Leu Gly Ile Arg
1 10
<210> 7
<211> 5
<212> PRT
<213> Artificial
<220>
<223> TYR AT SEQUENCE LOCATION 2 IS SULFONATED (-S03-2)
<400> 7
Asp Tyr Asp Tyr Gln 5
 <210> 8
<211> 5
 <212> PRT
       Artificial
 <213>
 <220>
 <223> TYR AT SEQUENCE LOCATION 4 IS SULFONATED (-S03-2)
 <400> 8
 Asp Tyr Asp Tyr Gln 5
 <210> 9
 <211> 5
 <212> PRT
 <213> Artificial
 <220>
 <223> TYR AT SEQUENCE LOCATIONS 2 AND 4 ARE SULFONATED (-S03-2)
 <400> 9
 Asp Tyr Asp Tyr Gln 5
 <210> 10
 <211> 4
 <212> PRT
 <213> Homo sapiens
 <400>
       10
```

```
listing.ST25.txt
Asp Tyr Asp Tyr
<210> 11
<211> 5
<212> PRT
<213> Homo sapiens
<400>
      11
Asp Tyr Asp Tyr Gln
<210> 12
<211> 4
<212> PRT
<213> Artificial
<220>
       TYR AT SEQUENCE LOCATION 2 IS SULFONATED (-S03-2)
<223>
<400>
      12
Asp Tyr Asp Tyr
<210> 13
<211> 4
<212> PRT
<213> Artificial
<220>
       TYR AT SEQUENCE LOCATION 4 IS SULFONATED (-SO3-2)
<223>
<400>
       13
Asp Tyr Asp Tyr
<210> 14
<211> 4
<212> PRT
<213> Artificial
<220>
<223> TYR AT SEQUENCE LOCATIONS 2 AND 4 ARE SULFONATED (-SO3-2)
<400> 14
Asp Tyr Asp Tyr
 <210> 15
 <211> 23
 <212> DNA
 <213> Homo sapiens
 <400> 15
                                                                      23
 gagtgatgct aagtttgatt acc
 <210> 16
```

listing.ST25.txt <211> 23 <212> DNA <213> Homo sapiens <400> 16 23 ggtaatcaaa cttagcatca ctc <210> 17 <211> 18 <212> DNA <213> Homo sapiens <400> 17 18 catggagtga ccttctcg <210> 18 <211> 15 <212> DNA <213> Homo sapiens <400> 18 15 tcatccagga gaacc <210> 19 <211> 28 <212> DNA <213> Homo sapiens <400> 19 28 gctaagttta agttccagaa cagactgg <210> 20 <211> 28 <212> DNA <213> Homo sapiens <400> 20 28 ccagtctgtt ctggaactta aacttagc <210> 21 <211> 13 <212> PRT <213> Artificial <220> <223> NO COMMENT <400> 21 Asp Tyr Gln Asn Arg Leu Ala Ala Leu Gly Ile Arg <210> 22 <211> 15 <212> PRT <213> Artificial <220> <223> NO COMMENT <400> 22

Page 4

WO 2005/034844 PCT/US2004/021487

listing.ST25.txt

Pro Val Ile Pro Ala Asn Met Asp Lys Lys Tyr Arg Ser Gln His 10 15

<210> 23

<211> 42

<212> PRT

<213> Homo sapiens

<400> 23

Asn Leu Lys Lys Ile Thr Arg Glu Gln Arg Arg His Met Lys Arg Trp 10 15

Glu Tyr Phe Ile Ala Ala Glu Glu Val Ile Trp Asp Tyr Ala Pro Val 20 25 30

Ile Pro Ala Asn Met Asp Lys Lys Tyr Arg

<210> 24

<211> 9

<212> PRT

<213> Homo sapiens

<400> 24

Glu Tyr Phe Ile Ala Ala Glu Glu Val

<210> 25

<211> 5

<212> PRT

<213> Homo sapiens

<400> 25

Glu Tyr Phe Ile Ala 1 5